

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/521,428A  
Source: PU710  
Date Processed by STIC: 1/10/06

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PCT

## RAW SEQUENCE LISTING

DATE: 01/10/2006

PATENT APPLICATION: US/10/521,428A

TIME: 08:11:27

Input Set : A:\ASZD-P01-750.txt

Output Set: N:\CRF4\01102006\J521428A.raw

3 <110> APPLICANT: Vu, Huy Khang  
 4 Groblewski, Thierry  
 5 Greasley, Peter  
 7 <120> TITLE OF INVENTION: Splice Variant Cannabinoid Receptor (CB1B)  
 9 <130> FILE REFERENCE: ASZD-P01-750  
 11 <140> CURRENT APPLICATION NUMBER: US 10/521,428A  
 C--> 12 <141> CURRENT FILING DATE: 2005-01-14  
 14 <150> PRIOR APPLICATION NUMBER: 0202240-8  
 15 <151> PRIOR FILING DATE: 2002-07-17  
 17 <160> NUMBER OF SEQ ID NOS: 7  
 19 <170> SOFTWARE: PatentIn Ver. 2.1  
 21 <210> SEQ ID NO: 1  
 22 <211> LENGTH: 1320  
 23 <212> TYPE: DNA  
 24 <213> ORGANISM: Homo sapiens  
 26 <400> SEQUENCE: 1  
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 28 ctgggaagtc ccttccaaga gaagatgact gcgggagaca acccccagct agtcccagca 120  
 29 gaccagggtga acattacaga attttacaac aagtctctct cgtccttcaa ggagaatgag 180  
 30 gagaacatcc agtgtgggga gaacttcatg gacatagagt gtttcatggt cctgaacccc 240  
 31 agccagcagc tggccattgc agtctctgtc ctcacgctgg gcaccttcac ggtcctggag 300  
 32 aacctcctgg tgctgtgctg cactctccac tcccgcagcc tccgctgcag gccttcctac 360  
 33 cacttcatcg gcagcctggc ggtggcagac ctccctgggga gtgtcatttt tgtctacagc 420  
 34 ttcatgtact tccacgtgtt ccaccgcaaa gatagccgca acgtgtttct gttcaaactg 480  
 35 ggtgggggtca cggcctcctt cactgcctcc gtgggcagcc tgttcctcac agccatcgac 540  
 36 aggtacatat ccattcacag gcccctggcc tataagagga ttgtcaccag gcccagggcc 600  
 37 gtggtagcgt tttgcctgat gtggaccata gccatttgtga tcgccgtgct gcctctcctg 660  
 38 ggctggaact gcgagaaact gcaatctgtt tgctcagaca ttttcccaca cattgatgaa 720  
 39 acctacctga tgttctggat cggggtcacc agcgtactgc ttctgttcat cgtgtatgcg 780  
 40 tacatgtata ttctctggaa ggctcacagc cacgccgtcc gcatgattca gcgtggcacc 840  
 41 cagaagagca tcatcatcca cagctctgag gatgggaagg tacagggtgac ccggccagac 900  
 42 caagcccgcga tggacattag gttagccaag accctgggtc tgatcctggt ggtgttgatc 960  
 43 atctgctggg gccctctgct tgcaatcatg gtgtatgatg tctttgggaa gatgaacaag 1020  
 44 ctcatthaaga cgggtgtttgc attctgcagt atgctctgcc tgctgaactc caccgtgaac 1080  
 45 cccatcatct atgctctgag gagtaaggac ctgcgcacag ctttccggag catgtttccc 1140  
 46 tcttgtgaag gcaactgcgc gcctctggat aacagcatgg gggactcgga ctgcctgcac 1200  
 47 aaacacgcaa acaatgcagc cagtgttcac agggccgcag aaagctgcat caagagcacg 1260  
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 51 <210> SEQ ID NO: 2  
 52 <211> LENGTH: 439  
 53 <212> TYPE: PRT  
 54 <213> ORGANISM: Homo sapiens  
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57 Met Lys Ser Ile Leu Asp Gly Leu Ala Asp Thr Thr Phe Arg Thr Ile
58   1           5           10           15
60 Thr Thr Asp Leu Leu Gly Ser Pro Phe Gln Glu Lys Met Thr Ala Gly
61           20           25           30
63 Asp Asn Pro Gln Leu Val Pro Ala Asp Gln Val Asn Ile Thr Glu Phe
64           35           40           45
66 Tyr Asn Lys Ser Leu Ser Ser Phe Lys Glu Asn Glu Glu Asn Ile Gln
67           50           55           60
69 Cys Gly Glu Asn Phe Met Asp Ile Glu Cys Phe Met Val Leu Asn Pro
70   65           70           75           80
72 Ser Gln Gln Leu Ala Ile Ala Val Leu Ser Leu Thr Leu Gly Thr Phe
73           85           90           95
75 Thr Val Leu Glu Asn Leu Leu Val Leu Cys Val Ile Leu His Ser Arg
76           100          105          110
78 Ser Leu Arg Cys Arg Pro Ser Tyr His Phe Ile Gly Ser Leu Ala Val
79           115          120          125
81 Ala Asp Leu Leu Gly Ser Val Ile Phe Val Tyr Ser Phe Ile Asp Phe
82           130          135          140
84 His Val Phe His Arg Lys Asp Ser Arg Asn Val Phe Leu Phe Lys Leu
85 145           150           155           160
87 Gly Gly Val Thr Ala Ser Phe Thr Ala Ser Val Gly Ser Leu Phe Leu
88           165          170          175
90 Thr Ala Ile Asp Arg Tyr Ile Ser Ile His Arg Pro Leu Ala Tyr Lys
91           180          185          190
93 Arg Ile Val Thr Arg Pro Lys Ala Val Val Ala Phe Cys Leu Met Trp
94           195          200          205
96 Thr Ile Ala Ile Val Ile Ala Val Leu Pro Leu Leu Gly Trp Asn Cys
97           210          215          220
99 Glu Lys Leu Gln Ser Val Cys Ser Asp Ile Phe Pro His Ile Asp Glu
100 225          230          235          240
102 Thr Tyr Leu Met Phe Trp Ile Gly Val Thr Ser Val Leu Leu Leu Phe
103           245          250          255
105 Ile Val Tyr Ala Tyr Met Tyr Ile Leu Trp Lys Ala His Ser His Ala
106           260          265          270
108 Val Arg Met Ile Gln Arg Gly Thr Gln Lys Ser Ile Ile Ile His Thr
109           275          280          285
111 Ser Glu Asp Gly Lys Val Gln Val Thr Arg Pro Asp Gln Ala Arg Met
112           290          295          300
114 Asp Ile Arg Leu Ala Lys Thr Leu Val Leu Ile Leu Val Val Leu Ile
115 305           310           315           320
117 Ile Cys Trp Gly Pro Leu Leu Ala Ile Met Val Tyr Asp Val Phe Gly
118           325          330          335
120 Lys Met Asn Lys Leu Ile Lys Thr Val Phe Ala Phe Cys Ser Met Leu
121           340          345          350
123 Cys Leu Leu Asn Ser Thr Val Asn Pro Ile Ile Tyr Ala Leu Arg Ser
124           355          360          365
126 Lys Asp Leu Arg His Ala Phe Arg Ser Met Phe Pro Ser Cys Glu Gly
127           370          375          380
129 Thr Ala Gln Pro Leu Asp Asn Ser Met Gly Asp Ser Asp Cys Leu His

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130 385          390          395          400
132 Lys His Ala Asn Asn Ala Ala Ser Val His Arg Ala Ala Glu Ser Cys
133          405          410          415
135 Ile Lys Ser Thr Val Lys Ile Ala Lys Val Thr Met Ser Val Ser Thr
136          420          425          430
138 Asp Thr Ser Ala Glu Ala Leu
139          435
142 <210> SEQ ID NO: 3
143 <211> LENGTH: 21
144 <212> TYPE: DNA
145 <213> ORGANISM: Homo sapiens
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152 <211> LENGTH: 19
153 <212> TYPE: DNA
154 <213> ORGANISM: Homo sapiens
156 <400> SEQUENCE: 4
157 gttctcccca cactggatg                                19
160 <210> SEQ ID NO: 5
161 <211> LENGTH: 20
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163 <213> ORGANISM: Homo sapiens
165 <400> SEQUENCE: 5
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170 <211> LENGTH: 48
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: sequence of oligonucleotide used to delete polynucleotides
176      encoding human CB1b receptor N-terminus
178 <400> SEQUENCE: 6
179 cgcaccatca ccactgacct cctgggaagt cccttccaag agaagatg          48
182 <210> SEQ ID NO: 7
183 <211> LENGTH: 40
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: sequence of oligonucleotide used to delete polynucleotides
189      encoding human CB1b receptor N-terminus
191 <400> SEQUENCE: 7
192 gtccttcgg tcctccgata tctgtcagaa gtaagttggc          40

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**VERIFICATION SUMMARY**

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